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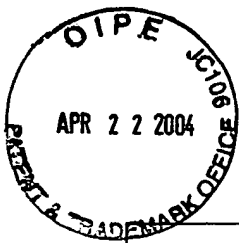
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	10/615,117
		Filing Date	7/7/2003
		First Named Inventor	Barin G. Haskell, et al.
		Group Art Unit	2615
		Examiner Name	<none yet>
Total Number of Pages in This Submission	*	Attorney Docket Number	APLE.P0035

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
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PATENT
Docket No. APLE.P0035

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Mani Adeli

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Barin G. Haskell, et al.

Serial No.: 10/615,117

Filing Date: 7/7/2003

For: METHOD AND APPARATUS FOR
CONTROL OF RATE-DISTORTION
TRADEOFF BY MODE SELECTION IN
VIDEO ENCODERS

**INFORMATION DISCLOSURE
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Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, applicants submit with this Information Disclosure Statement the attached Form PTO-1449, and copies of the documents listed in the 1449 form for consideration by the Examiner. The Examiner is requested to make these documents of record. Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The documents listed on the attached Form PTO-1449 were cited in a Search Report (copy attached) directed to a counterpart international or foreign application.

This Information Disclosure Statement is submitted within three months of the application filing date or before the mailing date of a first Office Action on the merits; accordingly, no fee or separate requirements are required.

This Information Disclosure Statement under 37 C.F.R. § 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

If the Patent Office determines that an extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 50-1128** referencing APLE.P0035. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: April 19, 2004

Respectfully submitted,

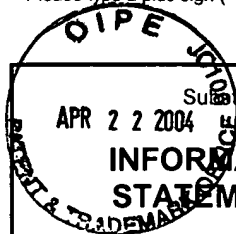
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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	1	Application Number	10/615,117
				Filing Date	7/7/2003
				First Named Inventor	Barin G. Haskell, et al.
				Group Art Unit	2615
				Examiner Name	
				Attorney Docket Number	APLE.P0035

U.S. PATENT DOCUMENTS

Examiner* Initials	Cite No. ¹	U.S. Patent Document Number Kind Code ² (if known)	Date of Publication MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1.	5,790,131	08-04-1998	Liang et al.	
	2.	5,872,598	02-16-1999	Legall et al.	
	3.	5,923,376	07-13-1999	Pullen et al.	

FOREIGN PATENT DOCUMENTS

Examiner* Initials	Cite No. ¹	Name of Foreign Filing Document	Date of Publication MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	4.	International Search Report	03-12-2004		

NON PATENT LITERATURE DOCUMENTS

Examiner* Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	5.	Jinho Choi et al., "A stable feedback control of the buffer state using the controlled lagrange multiplier method" IEEE Transactions on image processing, IEEE Inc. New York, US, Vol. 3, no. 5, September 1, 1994, pp. 546-558.	
	6.	Lee W Y et al., "Fast algorithm for optimal bit allocation in a rate-distortion sense" Electronic Letters, Vol. 32, no. 20, September 26, 1996, pp. 1871-1873.	
	7.	Yang Y et al., Institute of electrical and electronics engineers: "Rate-Distortion optimizations for region and object based wavelet video coding" Conference record of the 34 th asilomar conference on signals, systems, & computers. Pacific Grove, CA, October 29 - November 1, 2000, Asilomar Conference on signals, systems and computers, New York, NY: IEEE, US, Vol. 2 of 2. Conf. 34, October 29, 2000, pp. 1363-1368.	

Examiner Signature		Date Considered	
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